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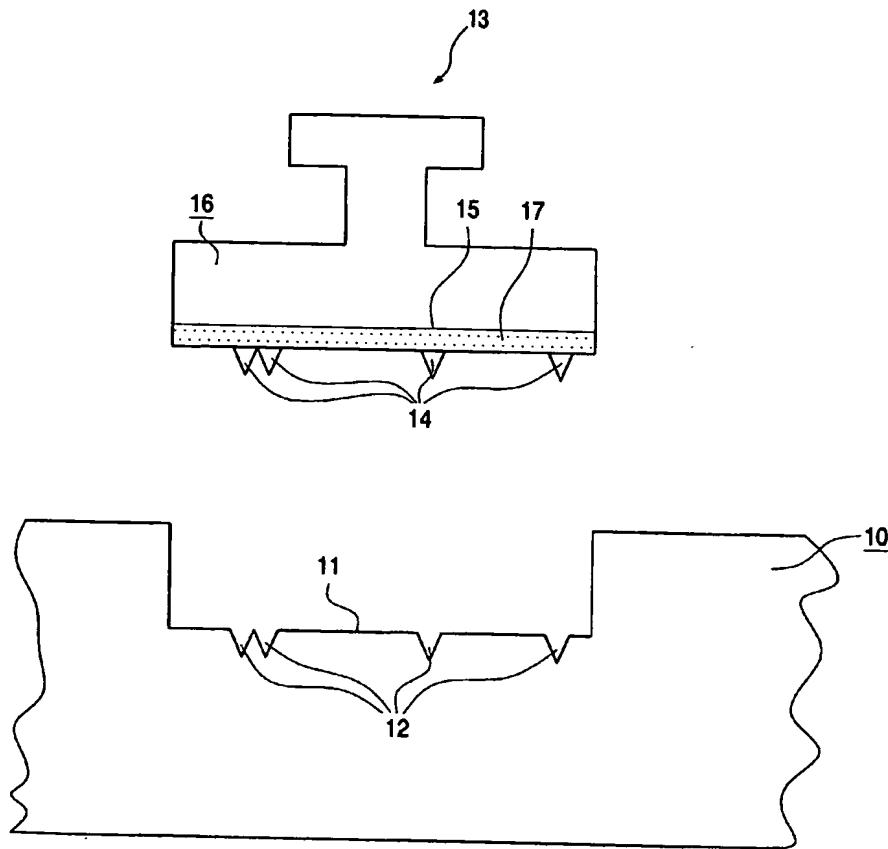
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(54) Title: METHOD OF PRODUCING A PLURALITY OF BODIES



(57) Abstract: In the described method of producing a plurality of bodies bearing equal imprints of a stamp as optical structures, a stamp (13) is initially produced, by attaching particles (14) to a surface (15) of an auxiliary body (16); then, the stamp (13) is used to produce an imprint (11) on a plurality of bodies (10). Optical structures can be irradiated, producing on a screen a speckle pattern indicative of a key. It is substantially impossible to clone a given optical structure with current technological means. Optical structures represent physical One-Way Functions, easy to compute in the forward sense but unfeasible to reverse. Thus, they can be used to build an access/copy protection system of user information contained in an information carrier associated with the body 10. The reproducibility of the optical structures makes this method suitable for optical disks.



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